INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2005/001545

		101/012	003/001313
A. CLASSIFICATION OF SUBJECT MATTER Int.Cl ⁷ C01B33/02			
According to International Patent Classification (IPC) or to both national classification and IPC			
B. FIELDS SEARCHED			
Minimum documentation searched (classification system followed by classification symbols)			
Int Cl ⁷ C01B33/00-33/193, B22C5/00-9/30			
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched			
Jitsuyo Shinan Koho 1922-1996 Toroku Jitsuyo Shinan Koho 1994-2005 Kokai Jitsuyo Shinan Koho 1971-2005 Jitsuyo Shinan Toroku Koho 1996-2005			
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)			
C. DOCUMEN	VTS CONSIDERED TO BE RELEVANT	<u></u>	
Category*		propriate, of the relevant passages	Relevant to claim No.
A .	JP 11-11924 A (Sharp Corp.), 19 January, 1999 (19.01.99),	÷	1-17
	Claims 11 to 13; Par. No. [00	041]; Figs. 4 to 6	
`	& EP 887442 A1 & US 6136091 A		
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Further documents are listed in the continuation of Box C. See patent family annex.			
* Special categories of cited documents: "A" document defining the general state of the art which is not considered date and not in conflict with the application but cited to understand			
to be of part	icular relevance	the principle or theory underlying the ir	ivention .
filing date	cation or patent but published on or after the international	"X" document of particular relevance; the c considered novel or cannot be considered to the decrease of the considered novel or cannot be considered novel o	
cited to esta	which may throw doubts on priority claim(s) or which is ablish the publication date of another citation or other	step when the document is taken alone "Y" document of particular relevance; the c	laimed invention cannot be
special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means		considered to involve an inventive s combined with one or more other such	tep when the document is
"P" document published prior to the international filing date but later than the		being obvious to a person skilled in the art	
priority date claimed "&" document member of the same patent family			
Date of the actual completion of the international search Da		Date of mailing of the international sear	ch report
02 May, 2005 (02.05.05)		24 May, 2005 (24.05	5.05)
Name and mailing address of the ISA/ A		Authorized officer	
Japanese Patent Office			
		Telephone No.	
Facsimile No.		сторионе 110.	

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特許庁審査官(権限のある職員)

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日本国特許庁(ISA/JP)

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